Novacom Platform – Administrator Interface User Manual

Index

1 Purpose of the document 2

2 Administrator Interface 2

3 Polling rate commands (Stationary/In Motion) 3

4 Example: setting the OBU “Contain-00001” to send positions every 20 minutes when it doesn’t move 5

1 Purpose of the document

This document is the Administrator Interface User Manual, for the Administrator's functions including those enabling to send commands to the On-Board Units (OBU's).

Warning:

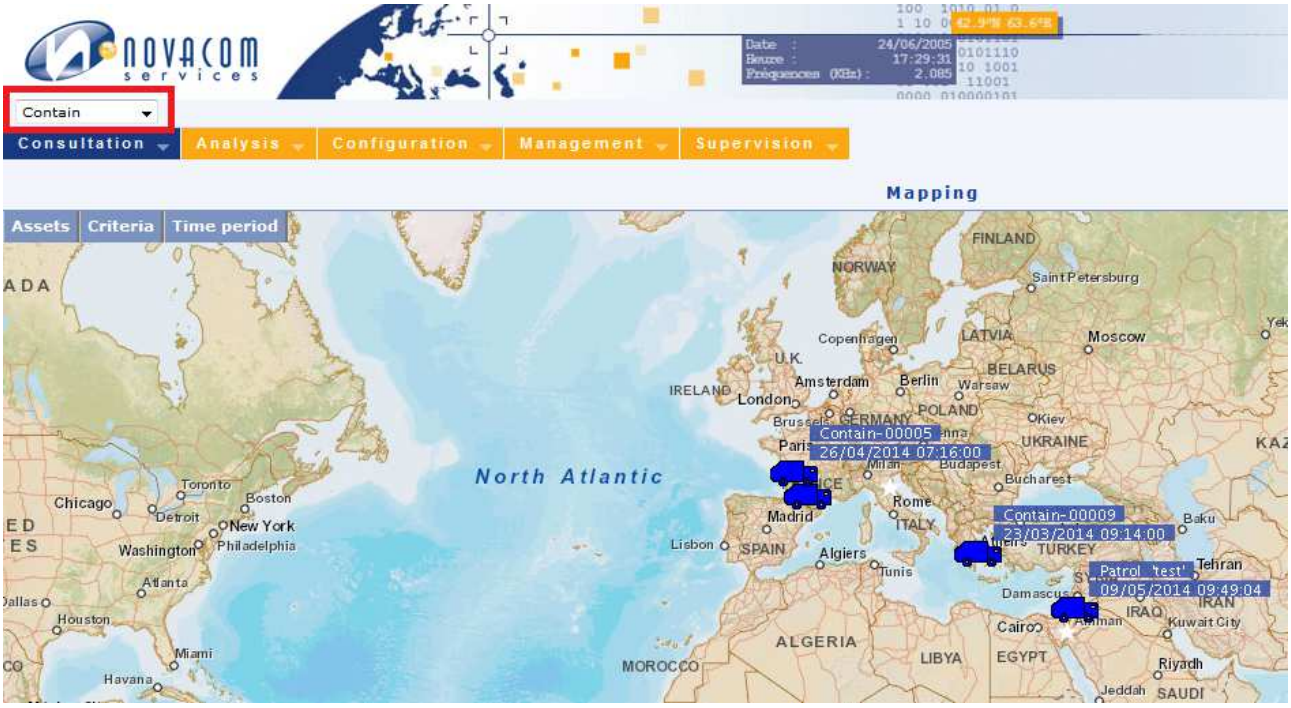
The Administrator Interface enables to access to all Administrator's functions. Since the Administrator can perform various critical functions - such as deleting past positions record or even deleting a terminal or a user from the system - the Administrator's functions shall be used very carefully. In the scope of the project MEDUSA, it is recommended access to the Administrator's Interface only to send commands to the terminal.

2 Administrator Interface

The Administrator Interface can be accessed by means of the same login and password used for Geoflex, through the online Administrator Interface at the link: http://platform.novacom-services.com.

http://platform.novacom-services.com

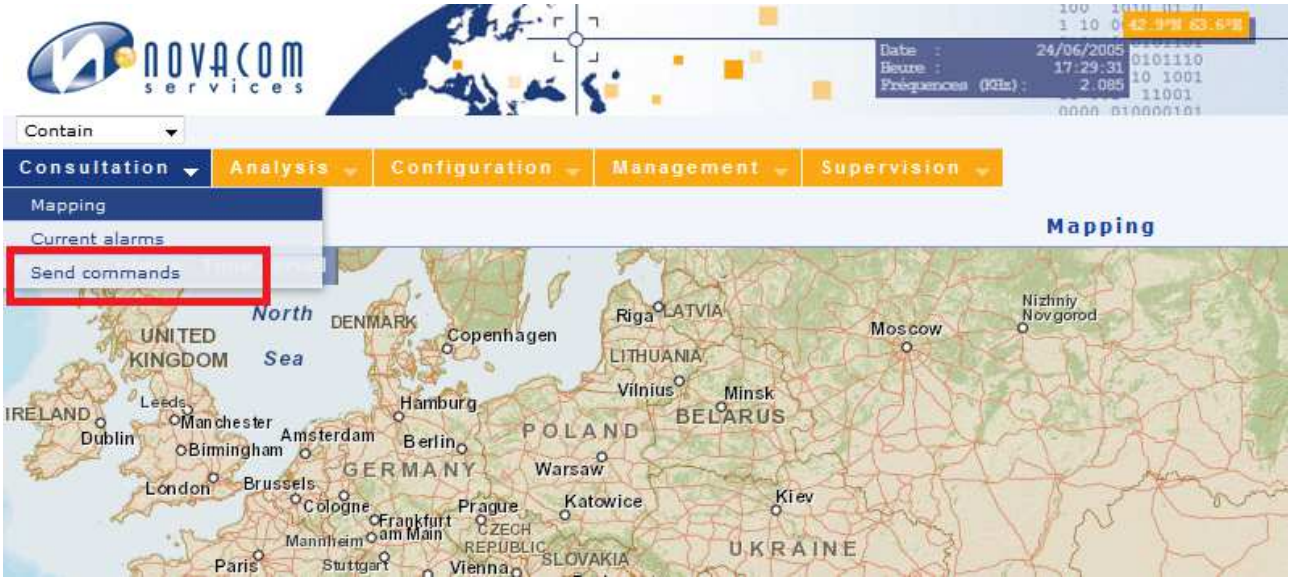
The user must introduce login and password, to access to the Administrator Interface:



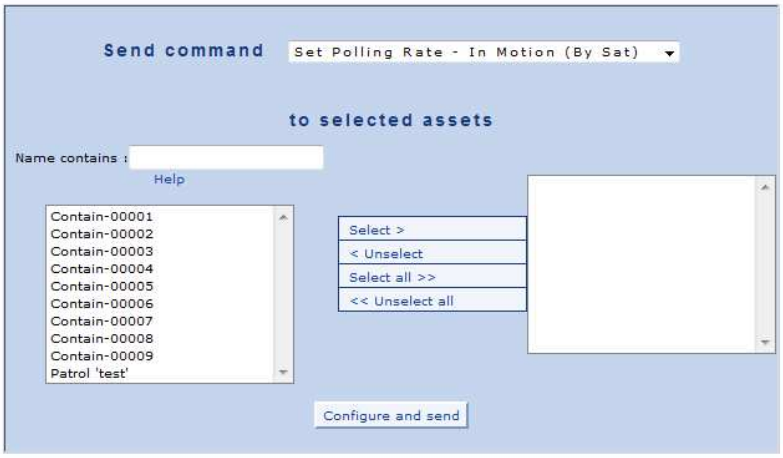
By default, the user “Contain” is selected (do not change it).

3 Polling rate commands (Stationary/In Motion)

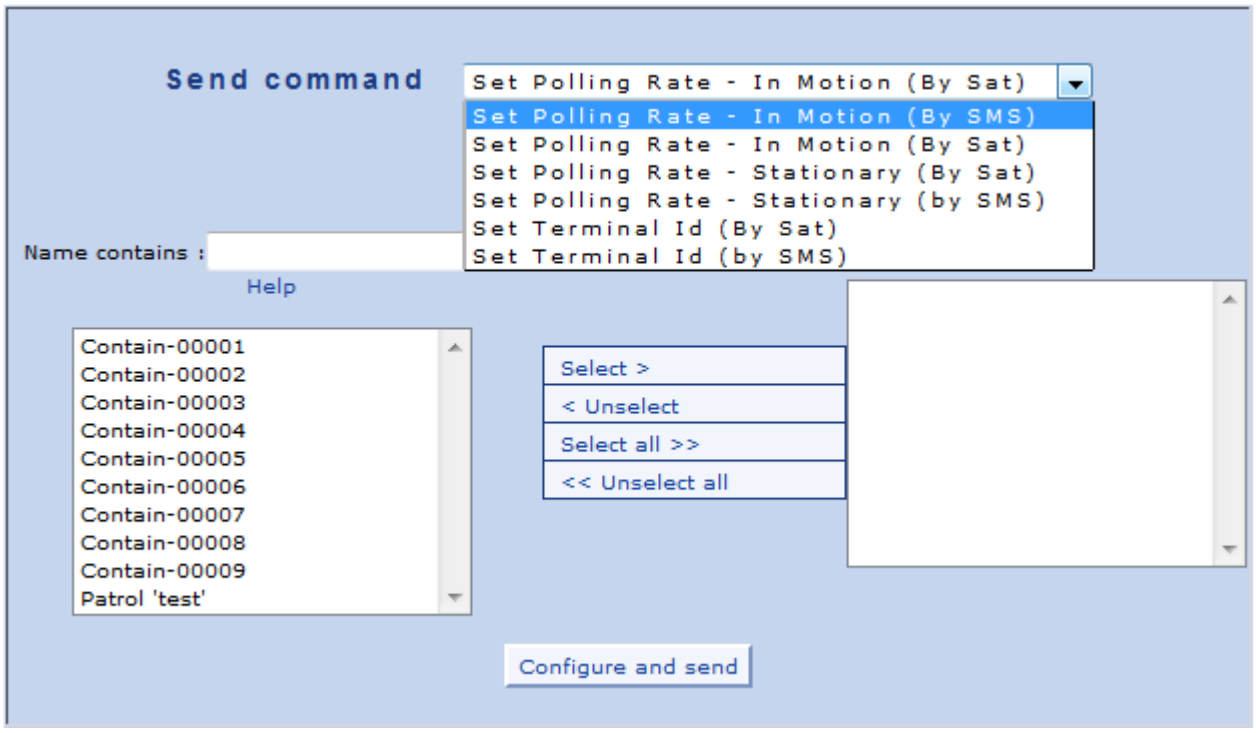
The user accesses the command sending tool in the main menu, under “Consultation”:



Click on “Send commands”, a new window is opened:



Here is the list of commands that are available:



As shown in the above figure, every command is present twice: this is because commands can be sent either by satellite or by GPRS (SMS). The user can send, by either transmission mode, the following commands:

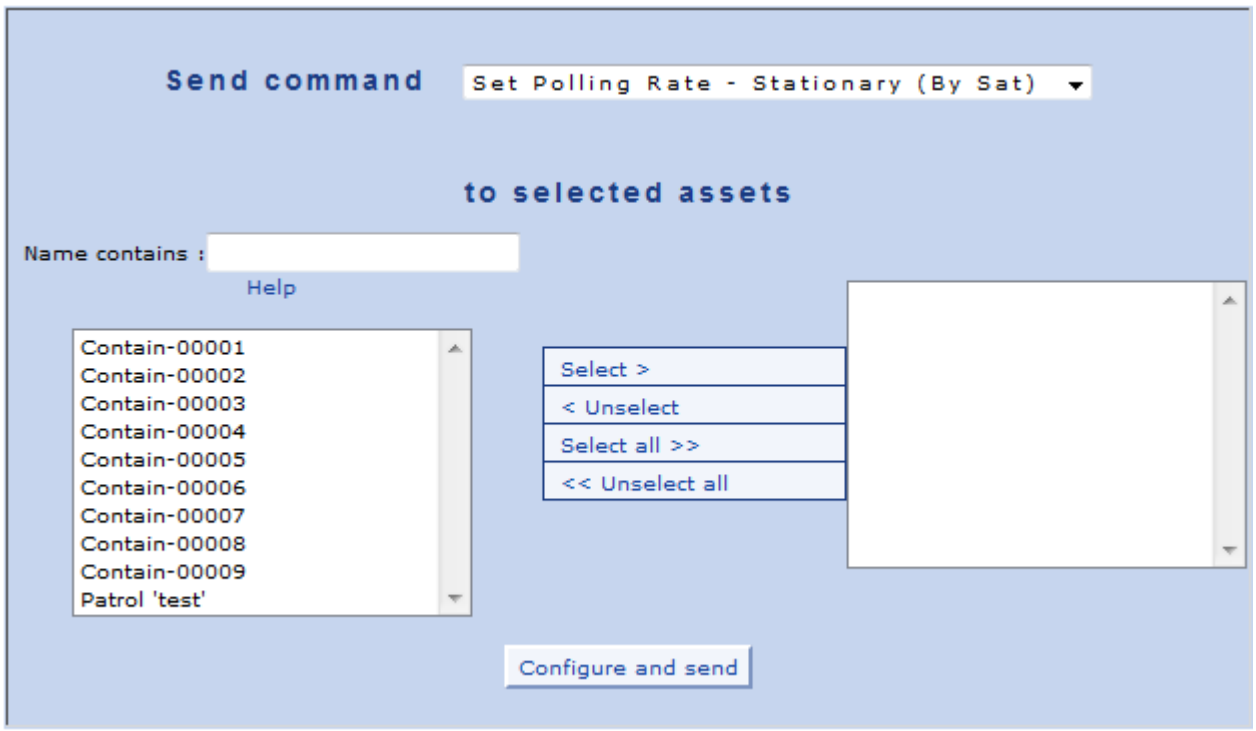
- Set Polling Rate – In Motion: the period (in minutes) between positions, when the OBU's accelerometer detects that there is movement (typically during transportation);
- Set Polling Rate – Stationary: the period (in minutes) between positions, when the OBU's is not moving (typically when it is stocked in a harbour or warehouse);
- Set Terminal Id: this is for internal use, ***do not to change it***.

> ***Warning:***
>
> In order to set a specific polling rate applicable regardless whether the terminal is in motion or stationary, both the polling rates (Motion and Stationary modes) shall be modified.

4 Example: setting the OBU "Contain-00001" to send positions every 20 minutes when it doesn't move

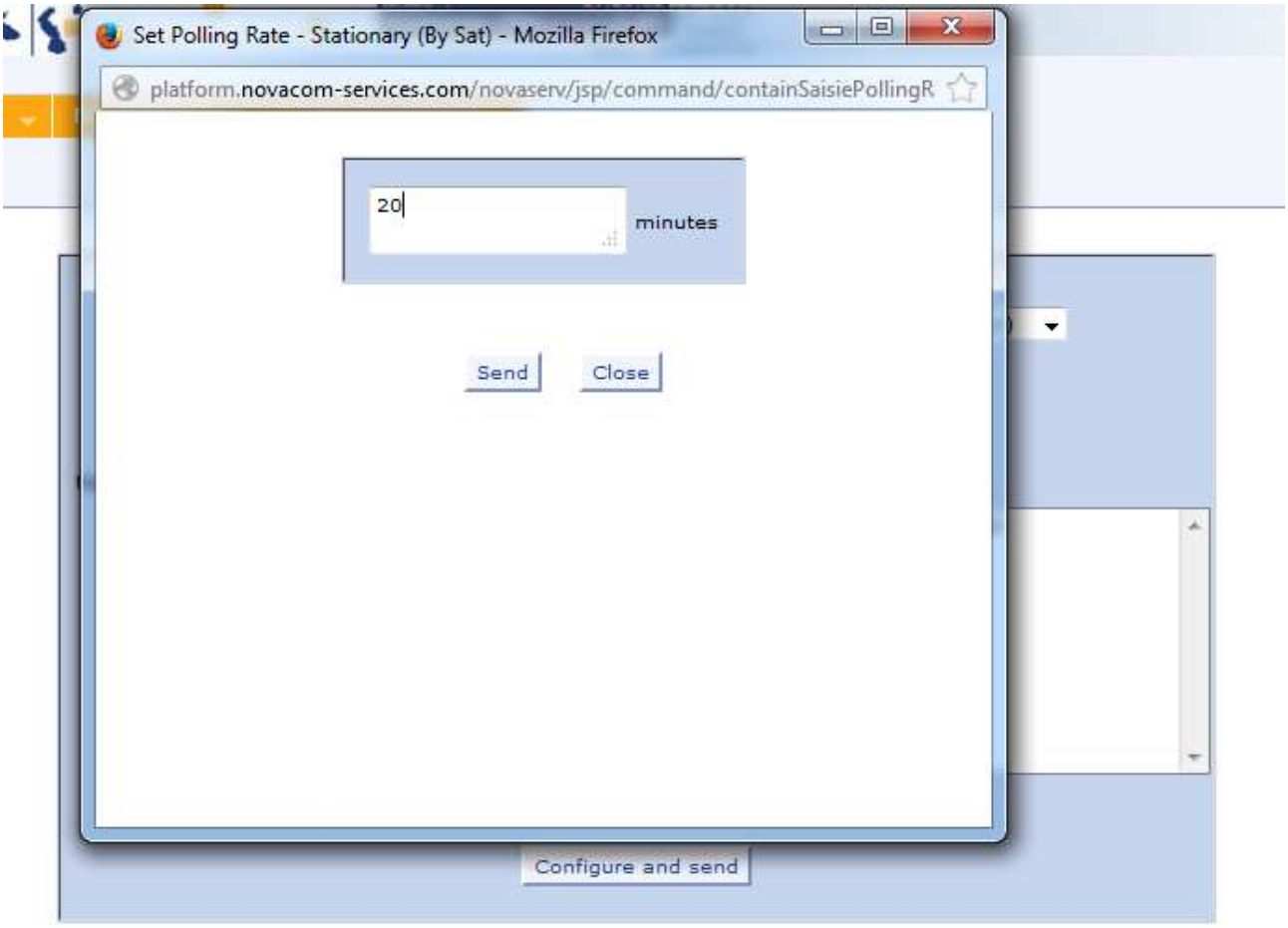
The user wants to do it by satellite, to be sure it gets to the OBU even if there is no GPRS coverage where the OBU is at that moment.

First, select the command: Set Polling Rate – Stationary (By Sat)



Select the OBU or OBU's which the command has to be sent to. In this case "Contain-00001". On the left side click on the "Contain-00001" line, and then press the "Select >" button to put this OBU on the right side list:

Press the “Configure and send” button. A pop-up is displayed:



Introduce “20” minutes, and then press the “Send” Button. The command has been sent.

Warning:

The polling rate is expressed in minutes. If the user wants to set a 1 hour polling rate, the right value to set is “60”.

Warning:

The values of polling rates must be over 10 minutes. Smaller values could lead to terminal malfunction.

Warning:

In order to optimize battery use, the terminal is idle for all the time between position fixes. If, for instance, the user configures the polling rates to 60 minutes, the terminal will be idle for that period of time. This means that it will not take into account any new commands before the end of that period. If a user configures by mistake a polling rate of, for instance, 10000 (in minutes), which is about 7 days, the OBU would start sending positions once every 7 days. In this case, the user will not be able to send a new command to reset the terminal to a more reasonable polling rate value till the end of that 7-days period. If this happens, the only way to come back to normal is to use a manual reset, by physically placing the magnet on the on/off switch for 7 led flashes.

Therefore, be careful when setting the polling rate.